

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Mohamed Y. Soliman, et al ) Art Unit: Unknown  
Serial No.: Unknown )  
Filed: Concurrently Herewith ) Examiner: Unknown  
For: Methods for Geomechanical )  
Fracture Modeling )

INFORMATION DISCLOSURE STATEMENT

COMMISSIONER FOR PATENTS  
Alexandria, VA 22313-1450

SIR:

The following documents are known to Applicants or Applicants' attorneys and are submitted for the Examiner to consider in the above-captioned application.

U. S. PATENTS

U.S. Patent Number 6,598,481 issued 07/29/03 to Roger L. Schultz.

OTHER PRIOR ART

Soliman, M. Y.: "Interpretation of Pressure Behavior of Fractured, Deviated, and Horizontal Wells," SPE 21062, SPE Latin American Petroleum Engineering Conference, Rio de Janeiro, Oct. 14-19, 1990, pp 1-9;

Hubert, M. K., and Willis, D. G.: "Mechanics of Hydraulic Fracturing," *Trans. AIME*, 1957, Vol. 210, pp 153-168;

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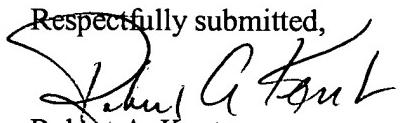
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Copies of the aforementioned references and Form PTO-1449 are submitted herewith.

Respectfully submitted,  
  
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## **Information Disclosure Citation in an Application**

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**Unassigned**

**Applicant(s)**

SOLIMAN ET AL.

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**Filing Date**

2003-IP-011150

## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

## NON-PATENT DOCUMENTS

	<b>DOCUMENT (Including Author, Title, Source, and Pertinent Pages)</b>	<b>DATE</b>
1	Soliman, M. Y.: "Interpretation of Pressure Behavior of Fractured, Deviated, and Horizontal Wells," SPE 21062, SPE Latin American Petroleum Engineering Conference, Rio de Janeiro, Oct. 14-19, 1990, pp 1-9.	1990
2	Hubert, M. K., and Willis, D. G.: "Mechanics of Hydraulic Fracturing," Trans. AIME, 1957, Vol. 210, pp 153-168	1957
3	EI Rabaa, W.: "Experimental Study of Hydraulic Fracture Geometry Initiated from Horizontal Wells," SPE 19720, SPE Annual Technical Conference and Exhibition, San Antonio, TX, Oct. 8-11, 1989, pp 1-16.	1989

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